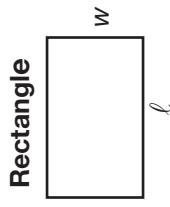


Math 7 Reference Sheet

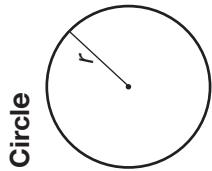
(To be used with Section 3)

Perimeter (P) and Area (A) and Circumference (C) formulas



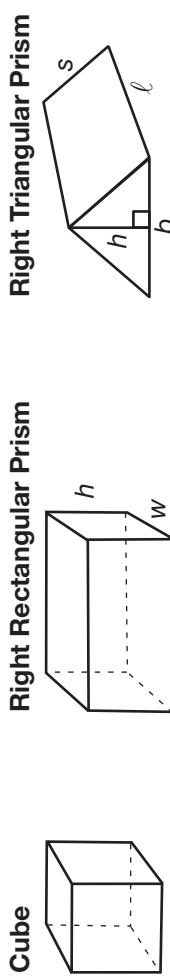
$$A = \ell w$$

$$P = 2\ell + 2w$$



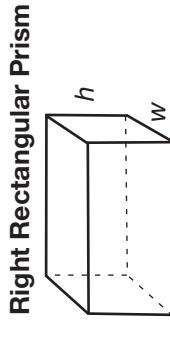
$$A = \pi r^2$$

$$C = 2\pi r \text{ or } \pi d$$



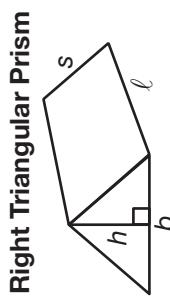
$$V = s^3$$

$$SA = 6s^2$$



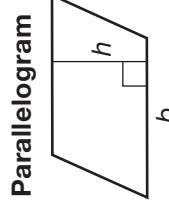
$$V = Bh \text{ or } \ell wh$$

$$SA = 2w\ell + 2\ell h + 2wh$$

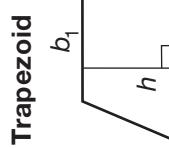


$$V = \frac{1}{2} b h \ell$$

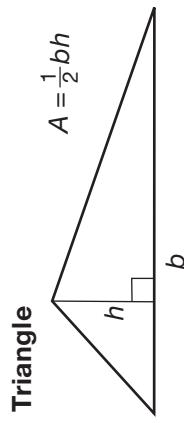
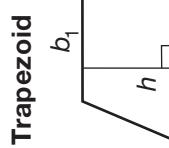
$$SA = bh + 2\ell s + \ell b$$



$$A = bh$$



$$A = \frac{1}{2} (b_1 + b_2)h$$



Customary Conversions

8 fluid ounces = 1 cup
2 cups = 1 pint
2 pints = 1 quart
4 quarts = 1 gallon
8 pints = 1 gallon
3 teaspoons = 1 tablespoon
16 tablespoons = 1 cup
16 fluid ounces = 1 pint
16 ounces = 1 pound
12 inches = 1 foot
3 feet = 1 yard
5,280 feet = 1 mile

Metric Conversions

Kilo-	Hecto-	Deka-	UNIT	deci-	centi-	milli-
k	h	da	meter (m) liter (l)	d	c	m
1000	100	10	gram (g)	1	0.10	0.01

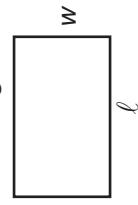
Matemáticas de Séptimo Grado

Hoja de Referencia

(Para uso con la sección 3)

Fórmulas de perímetro (P), área (A) y circunferencia (C)

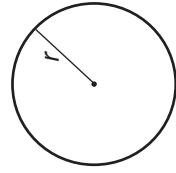
Rectángulo



$$A = \ell w$$

$$P = 2\ell + 2w$$

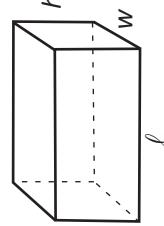
Círculo



$$A = \pi r^2$$

$$C = 2\pi r \text{ o } \pi d$$

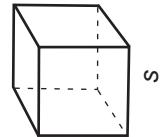
Prisma Recto Rectangular



$$V = Bh \text{ o } \ell wh$$

$$\begin{aligned} V &= s^3 \\ \text{Área de Superficie} &= 6s^2 \end{aligned}$$

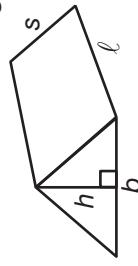
Cubo



$$\begin{aligned} V &= \frac{1}{2} b h \ell \\ \text{Área de Superficie} &= bh + 2\ell s + \ell b \end{aligned}$$

$$\begin{aligned} V &= Bh \text{ o } \ell wh \\ \text{Área de Superficie} &= 2w\ell + 2\ell h + 2wh \end{aligned}$$

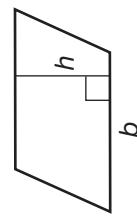
Prisma Recto Triangular



$$V = \frac{1}{2} b h \ell$$

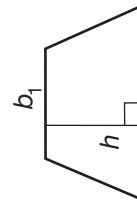
$$\begin{aligned} \text{Área de Superficie} &= bh + 2\ell s + \ell b \end{aligned}$$

Paralelogramo



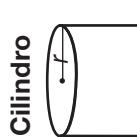
$$A = b h$$

Trapecio



$$A = \frac{1}{2} (b_1 + b_2) h$$

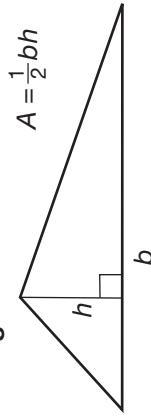
Cilindro



$$\begin{aligned} V &= Bh \text{ o } \pi r^2 h \\ SA &= 2\pi r^2 + 2\pi r h \end{aligned}$$

Distancia Recorrida: distancia = velocidad • tiempo

Conversión Usual



$$A = \frac{1}{2} b h$$

Triángulo

$$8 \text{ onzas fluidas} = 1 \text{ taza}$$

$$2 \text{ tazas} = 1 \text{ pinta}$$

$$2 \text{ pintas} = 1 \text{ cuarto}$$

$$4 \text{ cuartos} = 1 \text{ galón}$$

$$8 \text{ pintas} = 1 \text{ galón}$$

$$3 \text{ cucharaditas} = 1 \text{ cucharada}$$

$$16 \text{ cucharadas} = 1 \text{ taza}$$

$$16 \text{ onzas fluidas} = 1 \text{ pinta}$$

$$16 \text{ onzas} = 1 \text{ libra}$$

$$12 \text{ pulgadas} = 1 \text{ pie}$$

$$3 \text{ pies} = 1 \text{ yarda}$$

$$5,280 \text{ pies} = 1 \text{ milla}$$

Conversiones Métricas

kilo-	hecto-	deca-	Unidad	deci-	centi-	mili-
			metro (m) litro (l)	d	c	m
1000	100	10	1	0.10	0.01	0.001